12-26-06

PTO/SB/21 (09-04)

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| TRANSMITTAL FORM |

(to be used for all correspondence after initial filing)

| Application Number | 10/523,893 | |
|------------------------|-------------------------|--|
| Filing Date | September 6, 2005 | |
| First Named Inventor | David Lowery | |
| Art Unit | 1649 | |
| Examiner Name | John D. Ulm | |
| Attorney Docket Number | PHRM0002-105 (PC30125A) | |

| Total Number of Pages in This | Submissio | on Attorney Docket Nu | ımber | PHRM0002 | -105 (PC30125A) | |
|---|-------------|---|----------------------|---|--|--|
| | | ENCLOSURES (check all that | t apply) | | | |
| Fee Transmittal Form | | Drawing(s) | | After Allowanc | e Communication to TC | |
| Fee Attached/Authori | ized | Licensing-related Papers Petition | | Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information | | |
| Amendment / Reply | | | | | | |
| After Final | | Petition to Convert to a Provisional Application | | | | |
| Affidavits/declaration | (s) | Power of Attorney, Revocation Change of Correspondence Address | | Status Letter | | |
| Extension of Time Reque | st | Terminal Disclaimer | \boxtimes | Other Enclosurplease identify i | ıre(s) below): | |
| Express Abandonment R | equest | Request for Refund CD, Number of CD(s) | | Form PTO SB/08a (1pp.); 3 references cited copies of 2 references submitted; return co | | |
| Supplemental Informatio Disclosure Statement | n | ☐ Landscape Table on CD | | | | |
| Certified Copy of Priority Document(s) | | Remarks | | | | |
| Reply to Missing Parts/ Incomplete Application Reply to Missing Par under 37 CFR1.52 or | | EXPRESS MAIL LABEL NO: | | | D6 | |
| | SIGN | IATURE OF APPLICANT, ATTOR | RNEY, O | R AGENT | | |
| Firm | | Cozen O'Connor | | | | |
| Signature | | ML Cl | | | | |
| Printed Name | | Mark DeLuca | | | | |
| Date | | 12.22.06 | Reg. No. | 33,229 | | |
| | | CERTIFICATE OF TRANSMISS | ION/MAI | LING | | |
| I hereby certify that this corr Service with sufficient posta Alexandria, VA 22313-1450 c | age as firs | ce is being facsimile transmitted to the st class mail in an envelope address shown below | e USPTO sed to: C | or deposited Commissioner | with the United States Postal for Patents, P.O. Box 1450, | |
| Signature | | | | | | |
| Typed or printed name | | | | Date | | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Lowery et al.

Serial No.: 10/523,893 Group Art Unit: 1649

Filed: September 6, 2005 Examiner: John D. Ulm

Title: Drosophilia G Protein Coupled Receptors, Nucleic Acids, and Methods Related

to the Same

EXPRESS MAIL LABEL NO: EV 770974189US DATE OF DEPOSIT: Dec. 22 2006

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Form SB/08A, formerly known as PTO Form 1449, submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

| Thie | Information | Disclosure | Statement | is heing | filed: |
|--------|----------------|------------|-----------|----------|--------|
| 1 1112 | IIIIUI IIIauui | Disclosure | Statement | 13 Deing | mcu. |

| | within three months of the filing date of the patent application. |
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| | within three months of the date of entry into the national stage as set forth in |
| | 37 C.F.R. § 1.491 of the international application. |
| \boxtimes | before the mailing date of a first Office Action on the merits. |

| after | the mailing date of a first Office Action on the merits, but before the |
|-------|--|
| mail | ing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of |
| Allo | wance under 37 C.F.R. § 1.311, and accordingly is accompanied by: |
| | the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below); |
| | or |
| | the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or |
| | No fee is owed by the applicant(s). |
| In ac | cordance with 37 C.F.R. § 1.129(a), this Information Disclosure |
| State | ment is being filed in connection with the first or second After |
| Final | Submission, and accordingly is accompanied by the Statement under 37 |
| C.F.I | R. § 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in |
| 37 C | .F.R. § 1.17(p), is attached. |
| after | the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a |
| Notic | ce of Allowance under 37 C.F.R. § 1.311, but before the payment of the |
| Issue | Fee, and accordingly is accompanied by the Statement under 37 C.F.R. |
| § 1.9 | 7(e), (see "Statement," and "Fees" below). |
| Copi | es of the Non-Patent Literature Documents listed on the attached PTO |
| Form | SB/08b, formerly known as PTO Form 1449, are enclosed. |
| EXC | CEPT THAT: |
| | In view of the voluminous nature of the reference(s) and the likelihood |
| | that this reference is available to the Examiner, a copy is not enclosed |
| | herewith. |
| | In accordance with 37 C.F.R. § 1.98(d), copies of the following |
| | references listed on the attached PTO Form SB/08A and PTO Form |
| | SB/08B, formerly known as PTO Form 1449 are not enclosed herewith |
| | because they were previously cited by or submitted to the U.S. Patent |
| | and Trademark Office in patent application(s) for which a claim for |
| | priority under 35 U.S.C. § 120 have been made in the instant |
| | application. |

| | If any of the foregoing publications are not available to the Examiner Applicant will endeavor to supply copies at the Examiner's request. |
|-------------|---|
| State | ment under 37 C.F.R. § 1.97(e) |
| | The undersigned attorney hereby states that each item information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement. |
| Fees | |
| \boxtimes | No Fee is owed by the applicant(s). |
| | The Information Disclosure Statement Fee of \$180.00 under 37 C.F.R § 1.17(p) is enclosed herewith. |
| Meth | od of Payment of Fees |
| | Attached is a check in the amount of \$ This form is submitted in duplicate. |
| | Charge Deposit Account No. 50-1275 in the amount of \$180.00. This form is submitted in duplicate. |
| \boxtimes | Please charge any deficiency or credit any overpayment to Deposit Account 50-1275. |
| \boxtimes | No fee or Statement is required under 37 C.F.R. § 1.97(b). |
| | Respectfully submitted, |
| | Mark DeLuca Registration No. 33,229 |

Dated: Dic 22 WO6

COZEN O'CONNOR, P.C. 1900 Market Street, 5th Floor Philadelphia, PA 19103-3508 (215) 665-2000 - Telephone (215) 665-2013 - Facsimile Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

| | Complete if Known | |
|------------------------|-------------------------|--|
| Application Number | 10/523,893 | |
| Filing Date | September 6, 2005 | |
| First Named Inventor | David Lowery | |
| Art Unit | 1649 | |
| Examiner Name | John D. Ulm | |
| Attorney Docket Number | PHRM0002-105 (PC30125A) | |

| | U.S. PATENT DOCUMENTS | | | | | | |
|------------|-----------------------|--|--------------------------------------|--|--|--|--|
| Examiner | Cite | Document Number | Publication/Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant | | |
| Initials * | No.1 | Number - Kind Code ² (if known) | | Cited Document | Passages or Relevant Figures Appear | | |
| | 1. | US-2003/162223 | 08-28-2003 | David Lowery | | | |
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| | | FOREIGN | PATENT DOC | UMENTS | | |
|-----------------------|--------------------------|---|---|---|--|----|
| | Cite No. ¹ | Foreign Patent Document | Publication Date/Filing Date MM-DD-YYYY | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| Examiner Initials* | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | Applicant of Cited Document | | T⁵ |
| | 2. | WO 01/310005 | 05-03-2001 | Pharmacia & Upjohn | | |
| | 3. | WO 00/62615 | 10-26-2000 | University of Florida Research Foundation | · | |
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| Examiner Signature | | | Date Cons | idered | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.